



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: CARLSON  
Serial No.: 10/727,059  
Filed: DECEMBER 2, 2003  
Confirmation No.: 5023  
Due Date: APRIL 6, 2005 (30 Day Date)  
Title: ARTIFICIAL RECEPTORS INCLUDING AMINO ACID DERIVED BUILDING BLOCKS AND METHODS OF MAKING AND USING THEM

Examiner: UNKNOWN  
Group Art Unit: 1744  
Docket: 14095.1USC6

**CERTIFICATE UNDER 37 CFR 1.8:**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 March 28, 2005.

By: 

Name: Mark T. Skoog

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**23552**

PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Supplemental Information Disclosure Statement, Form 1449, 12 Reference(s), Copy of Two (2) International Search Reports
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

Merchant & Gould P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903  
612.332.5300

By: 

Name: Mark T. Skoog

Reg. No.: 40,178

MSkoog:KLW:PLSklg



10/727,059

PATENT

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By: Kate G

Name: KATE GADON

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Enclosed for the Examiner's information are copies of two International Search Reports. At least some of the references were recently cited in two International Search Reports mailed on March 7, 2005 and March 10, 2005.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

**Certification Under 37 C.F.R. § 1.704(d)**

In accordance with 37 C.F.R. § 1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty (30) days prior to the filing of this Information

Disclosure Statement. Accordingly, no patent term adjustment is due for the filing of this Information Disclosure Statement.

A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. §1.98(a)(2). Because this application was filed after June 30, 2003, copies of the U.S. Patents and U.S. patent publications listed on the enclosed Form 1449 are not provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903  
(612) 332-5300

Date: Mar 28, 2005

Mark T. Skoog  
Mark T. Skoog  
Reg. No. 40,178  
MTS:KLW:PLSklg



FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT

Docket Number:

14095.1USC6

Application Number:

10/727,059

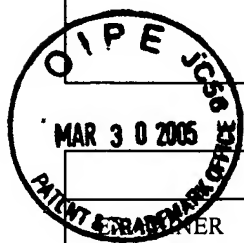
IN AN APPLICATION

(Use several sheets if necessary)

Applicant: CARLSON

Filing Date: 12/02/2003

Group Art Unit: 1744



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2002/0187509 A1	12/12/2002	Shao et al.			
	2003/0143756 A1	07/31/2003	Fisher et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2 319 838 A	06/03/1998	GB				
	WO 00/13016	03/09/2000	PCT			abstract	
	WO 00/79008 A2	12/28/2000	PCT				
	WO 03/012390 A2	02/13/2003	PCT				
	WO 03/031975 A1	04/17/2003	PCT				
	WO 03/033674 A2	04/24/2003	PCT				
	WO 03/074990 A2	09/12/2003	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Alberti, P. et al., "DNA duplex-quadruplex exchange as the basis for a nanomolecular machine," <i>PNAS</i> , Vol. 100, No. 4, pp. 1569-1573 (February 18, 2003)
	Noji, H. et al. "Direct observation of the rotation of F <sub>1</sub> -ATPase," <i>Nature</i> , Vol. 386, pp. 299-302 (March 1997)
	Yurke, B. et al., "A DNA-fuelled molecular machine made of DNA," <i>Nature</i> , Vol. 406, pp. 605-608 (August 10, 2000)
	Copy of International Search Report dated March 7, 2005
	Copy of International Search Report dated March 10, 2005

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PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	